

## **IN THE CLAIMS:**

Claim 1 (canceled).

Claim 2 (currently amended): A therapeutic composition containing substitution derivatives of N<sup>6</sup>-benzyladenosine of the general formula I according to claim 1, selected from the group comprising 6-(2-fluorobenzylamino)purine riboside, 6-(3-fluorobenzylamino)purine riboside, 6-(4-fluorobenzylamino)purine riboside, 6-(2-bromobenzylamino)purine riboside, 6-(3-bromobenzylamino)purine riboside, 6-(4-bromobenzylamino)purine riboside, 6-(2-iodobenzylamino)purine riboside, 6-(3-iodobenzylamino)purine riboside, 6-(4-iodobenzylamino)purine riboside, 6-(2-chlorobenzylamino)purine riboside, 6-(3-chlorobenzylamino)purine riboside, 6-(4-chlorobenzylamino)purine riboside, 6-(2-acetylbenzylamino)purine riboside, 6-(3-acetylbenzylamino)purine riboside, 6-(4-acetylbenzylamino)purine riboside, 6-(3-carboxybenzylamino)purine riboside, 6-(4-carboxybenzylamino)purine riboside, 6-(2-acetoxybenzylamino)purine riboside, 6-(3-acetoxybenzylamino)purine riboside, 6-(4-acetoxybenzylamino)purine riboside, 6-(2-nitrobenzylamino)purine riboside, 6-(3-nitrobenzylamino)purine riboside, 6-(4-nitrobenzylamino)purine riboside, 6-(2-sulphobenzylamino)purine riboside, 6-(3-sulphobenzylamino)purine riboside, 6-(4-sulphobenzylamino)purine riboside, 6-(2-cyanobenzylamino)purine riboside, 6-(3-cyanobenzylamino)purine riboside, 6-(4-cyanobenzylamino)purine riboside, 6-(5-nitro-2-methylbenzylamino)purine riboside, 6-(2-

~~methylbenzylamino)purine riboside, 6-(3-methylbenzylamino)purine riboside, 6-(4-~~  
~~methylbenzylamino)purine riboside, 6-(4-methylaminobenzylamino)purine riboside, 6-(2-~~  
~~methoxybenzylamino)purine riboside, 6-(3-methoxybenzylamino)purine riboside, 6-(4-~~  
~~methoxybenzylamino)purine riboside, 6-(2-hydroxybenzylamino)purine riboside, 6-(3-~~  
~~hydroxybenzylamino)purine riboside, 6-(4-hydroxybenzylamino)purine riboside, 6-(4-~~  
~~hexylbenzylamino)purine riboside, 6-(4-hexyloxybenzylamino)purine riboside, 6-(2-~~  
~~formylbenzylamino)purine riboside, 6-(3-formylbenzylamino)purine riboside, 6-(4-~~  
~~formylbenzylamino)purine riboside, 6-(2-ethoxybenzylamino)purine riboside, 6-(3-~~  
~~ethoxybenzylamino)purine riboside, 6-(4-ethoxybenzylamino)purine riboside, 6-(4-~~  
~~ethylbenzylamino)purine riboside, 6-(4-pentylbenzylamino)purine riboside, 6-(4-~~  
~~pentyloxybenzylamino)purine riboside, 6-(4-phenoxybenzylamino)purine riboside, 6-(4-~~  
~~phenylbenzylamino)purine riboside, 6-(4-propylbenzylamino)purine riboside, 6-(4-~~  
~~propyloxybenzylamino)purine riboside, 6-(4-octylbenzylamino)purine riboside, 6-(4-~~  
~~octyloxybenzylamino)purine riboside, 6-(4-ethyloxybenzylamino)purine riboside, 6-(3,4-~~  
~~diacetoxybenzylamino)purine riboside, 6-(3,5-diacetoxybenzylamino)purine riboside, 6-(2,5-~~  
~~diaminobenzylamino)purine riboside, 6-(3,5-dibromobenzylamino)purine riboside, 6-(3,5-~~  
~~dibromo-4-methoxybenzylamino)purine riboside, 6-(2,3-dichlorobenzylamino)purine~~  
~~riboside, 6-(2,4-dichlorobenzylamino)purine riboside, 6-(2,5-dichlorobenzylamino)purine~~  
~~riboside, 6-(2,6-dichlorobenzylamino)purine riboside, 6-(3,4-dichlorobenzylamino)purine~~  
~~riboside, 6-(3,5-dichlorobenzylamino)purine riboside, 6-(2,3,4,5-~~  
~~tetrafluorobenzylamino)purine riboside, 6-(2-chloro-3,6-difluorobenzylamino)purine~~  
~~riboside, 6-(5-chloro-2-fluorobenzylamino)purine riboside, 6-(2,3,4-~~  
~~trifluorobenzylamino)purine riboside, 6-(2,3,5-trifluorobenzylamino)purine riboside, 6-(2,4,5-~~

trifluorobenzylamino)purine riboside, 6-(3,4,5-trifluorobenzylamino)purine riboside, 6-(2,3,6-trifluorobenzylamino)purine riboside, 6-(3-chloro-2,6-difluorobenzylamino)purine riboside, 6-(2-chloro-6-fluorobenzylamino)purine riboside, 6-(2,6-difluorobenzylamino)purine riboside, 6-(2,4-difluorobenzylamino)purine riboside, 6-(3,4-difluorobenzylamino)purine riboside, 6-(2,5-difluorobenzylamino)purine riboside, 6-(3,5-difluorobenzylamino)purine riboside, 6-(5-fluoro-2-(trifluoromethyl)benzylamino)purine riboside, 6-(4-fluoro-2-(trifluoromethyl)benzylamino)purine riboside, 6-(2-chloro-5-(trifluoromethyl)benzylamino)purine riboside, 6-(2-(difluoromethoxy)benzylamino)purine riboside, 6-(3-(difluoromethoxy)benzylamino)purine riboside, 6-(4-(difluoromethoxy)benzylamino)purine riboside, 6-(2-fluoro-5-(trifluoromethyl)benzylamino)purine riboside, 6-(3-fluoro-4-(trifluoromethyl)benzylamino)purine riboside, 6-(2-fluoro-4-(trifluoromethyl)benzylamino)purine riboside, 6-(2-(trifluoromethylthio)benzylamino)purine riboside, 6-(2-fluoro-3-(trifluoromethyl)benzylamino)purine riboside, 6-(2-chloro-6-fluoro-3-methylbenzylamino)purine purine riboside, 6-(6-chloro-2-fluoro-3-methylbenzylamino)purine riboside, 6-(3-chloro-2-fluoro-5-(trifluoromethyl)benzylamino)purine riboside, 6-(3-chloro-2-fluoro-6-(trifluoromethyl)benzylamino)purine riboside, 6-(2,3-difluoro-4-methylbenzylamino)purine riboside, 6-(2,6-difluoro-3-methylbenzylamino)purine riboside, 6-(2-fluoro-6-(trifluoromethyl)benzylamino)purine riboside, 6-(3-chloro-2,6-difluorobenzylamino)purine riboside, 6-(3-(trifluoromethylthio)benzylamino)purine riboside, 6-(3-fluoro-4-methylbenzylamino)purine riboside, 6-(4-fluoro-3-methylbenzylamino)purine riboside, 6-(5-fluoro-2-methylbenzylamino)purine riboside, 6-(2-chloro-3,6-difluorobenzylamino)purine riboside,

6-(4-(trifluoromethylthio)benzylamino)purine riboside, 6-(3-fluoro-5-(trifluoromethyl)benzylamino)purine riboside, 6-(2-chloro-4-fluorobenzylamino)purine riboside, 6-(2-(trifluoromethoxy)benzylamino)purine riboside, 6-(3-(trifluoromethyl)benzylamino)purine riboside, 6-(2-(trifluoromethyl)benzylamino)purine riboside, 6-(4-(trifluoromethyl)benzylamino)purine riboside, 6-(4-chloro-3-(trifluoromethyl)benzylamino)purine riboside, 6-(4-fluoro-3-(trifluoromethyl)benzylamino)purine riboside, 6-(3,5-bis(trifluoromethyl)benzylamino)purine riboside, 6-(3-(trifluoromethoxy)benzylamino)purine riboside, 6-(4-(trifluoromethoxy)benzylamino)purine riboside, 6-(4-(trifluoromethyl)benzylamino)purine riboside, 6-(4-diethylaminobenzylamino)purine riboside, 6-(3,4-dihydroxybenzylamino)purine riboside, 6-(3,5-dihydroxybenzylamino)purine riboside, 6-(3,4-dihydroxybenzylamino)purine riboside, 6-(2,3-ethylenedioxybenzylamino)purine riboside, 6-(2,4-dihydroxybenzylamino)purine, 6-(2,5-dihydroxybenzylamino)purine riboside, 6-(2,6-dihydroxybenzylamino)purine riboside, 6-(3,4-dimethoxybenzylamino)purine riboside, 6-(3,4-dimethoxybenzylamino)purine riboside, 6-(3,5-dimethoxybenzylamino)purine riboside, 6-(2,3-dimethoxybenzylamino)purine riboside, 6-(2,4-dimethoxybenzylamino)purine riboside, 6-(2,5-dimethoxybenzylamino)purine riboside, 6-(2,6-dimethoxybenzylamino)purine riboside, 6-(2-hydroxy-3-methoxybenzylamino)purine riboside, 6-(2-hydroxy-4-methoxybenzylamino)purine riboside, 6-(2-hydroxy-5-methoxybenzylamino)purine riboside, 6-(2-hydroxy-6-methoxybenzylamino)purine riboside, 6-(3-hydroxy-2-methoxybenzylamino)purine riboside, 6-(3-hydroxy-4-methoxybenzylamino)purine riboside, 6-(3-hydroxy-5-methoxybenzylamino)purine riboside, 6-(3-hydroxy-6-methoxybenzylamino)purine riboside, 6-(4-hydroxy-2-methoxybenzylamino)purine riboside,

6-(4-hydroxy-3-methoxybenzylamino)purine riboside, 6-(4-hydroxy-5-methoxybenzylamino)purine riboside, 6-(4-hydroxy-6-methoxybenzylamino)purine riboside, 6-(2-hydroxy-3,4-dimethoxybenzylamino)purine riboside, 6-(2-hydroxy-3,5-dimethoxybenzylamino)purine riboside, 6-(2-hydroxy-3,6-dimethoxybenzylamino)purine riboside, 6-(2-hydroxy-4,5-dimethoxybenzylamino)purine riboside, 6-(2-hydroxy-4,6-dimethoxybenzylamino)purine riboside, 6-(2-hydroxy-5,6-dimethoxybenzylamino)purine riboside, 6-(3-hydroxy-4,5-dimethoxybenzylamino)purine riboside, 6-(3-hydroxy-4,6-dimethoxybenzylamino)purine riboside, 6-(3-hydroxy-2,4-dimethoxybenzylamino)purine riboside, 6-(3-hydroxy-2,5-dimethoxybenzylamino)purine riboside, 6-(3-hydroxy-2,6-dimethoxybenzylamino)purine riboside, 6-(4-hydroxy-2,3-dimethoxybenzylamino)purine riboside, 6-(4-hydroxy-2,5-dimethoxybenzylamino)purine riboside, 6-(4-hydroxy-2,6-dimethoxybenzylamino)purine riboside, 6-(4-hydroxy-3,5-dimethoxybenzylamino)purine riboside, 6-(4-hydroxy-3,6-dimethoxybenzylamino)purine riboside, 6-(2,3-dihydroxy-4-methoxybenzylamino)purine riboside, 6-(2,3-dihydroxy-5-methoxybenzylamino)purine riboside, 6-(2,3-dihydroxy-6-methoxybenzylamino)purine riboside, 6-(2,4-dihydroxy-3-methoxybenzylamino)purine riboside, 6-(2,4-dihydroxy-5-methoxybenzylamino)purine riboside, 6-(2,4-dihydroxy-6-methoxybenzylamino)purine riboside, 6-(2,5-dihydroxy-3-methoxybenzylamino)purine riboside, 6-(2,5-dihydroxy-4-methoxybenzylamino)purine riboside, 6-(2,5-dihydroxy-6-methoxybenzylamino)purine riboside, 6-(2,6-dihydroxy-3-methoxybenzylamino)purine riboside, 6-(2,6-dihydroxy-4-methoxybenzylamino)purine riboside, 6-(2,6-dihydroxy-5-methoxybenzylamino)purine riboside, 6-(3,4-dihydroxy-2-methoxybenzylamino)purine riboside, 6-(3,4-dihydroxy-5-methoxybenzylamino)purine riboside, 6-(3,4-dihydroxy-6-methoxybenzylamino)purine riboside, 6-(3,5-dihydroxy-2-

methoxybenzylamino)purine riboside, 6-(3,5-dihydroxy-4-methoxybenzylamino)purine riboside, 6-(3,5-dihydroxy-6-methoxybenzylamino)purine riboside, 6-(2,3,4-trimethoxybenzylamino)purine riboside, 6-(2,4,5-trimethoxybenzylamino)purine riboside, 6-(2,4,6-trimethoxybenzylamino)purine riboside, 6-(3,4,5-trimethoxybenzylamino)purine riboside, 6-(2-hydroxy-3,4,5-trimethoxybenzylamino)purine riboside, 6-(2-hydroxy-3,4,6-trimethoxybenzylamino)purine riboside, 6-(2-hydroxy-4,5,6-trimethoxybenzylamino)purine riboside, 6-(2,4,6-trimethoxybenzylamino)purine riboside, 6-(2,3,4-trihydroxybenzylamino)purine riboside, 6-(2,4,6-trihydroxybenzylamino)purine riboside, 6-(2,3,4-trihydroxybenzylamino)purine riboside, 6-(3,4,5-trihydroxybenzylamino)purine riboside, 6-(2,4,6-trihydroxybenzylamino)purine riboside, 6-(2-hydroxy-3-chlorobenzylamino)purine riboside, 6-(2-hydroxy-4-chlorobenzylamino)purine riboside, 6-(2-hydroxy-5-chlorobenzylamino)purine riboside, 6-(2-hydroxy-6-chlorobenzylamino)purine riboside, 6-(2-hydroxy-3-iodobenzylamino)purine riboside, 6-(2-hydroxy-4-iodobenzylamino)purine riboside, 6-(2-hydroxy-5-iodobenzylamino)purine riboside, 6-(2-hydroxy-6-iodobenzylamino)purine riboside, 6-(2-hydroxy-3-bromobenzylamino)purine riboside, 6-(2-hydroxy-4-bromobenzylamino)purine riboside, 6-(2-hydroxy-5-bromobenzylamino)purine riboside, 6-(2-hydroxy-6-bromobenzylamino)purine riboside, 6-(2-hydroxy-3-fluorobenzylamino)purine riboside, 6-(2-hydroxy-4-fluorobenzylamino)purine riboside, 6-(2-hydroxy-5-fluorobenzylamino)purine riboside, 6-(2-hydroxy-6-fluorobenzylamino)purine riboside, 6-(2-hydroxy-3-methylbenzylamino)purine riboside, 6-(2-hydroxy-4-methylbenzylamino)purine riboside, 6-(2-hydroxy-5-methylbenzylamino)purine riboside, 6-(2-hydroxy-6-methylbenzylamino)purine riboside, 6-(2,3-dihydroxy-4-chlorobenzylamino)purine riboside, 6-(2,3-dihydroxy-5-chlorobenzylamino)purine riboside,

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nitrobenzylamino)purine riboside, 6-(4-chloro-3-nitrobenzylamino)purine riboside, 6-(5-chloro-2-nitrobenzylamino)purine riboside, 6-(3-bromo-4-hydroxybenzylamino)purine riboside, 6-(3,5-dibromo-4-hydroxybenzylamino)purine, 6-(3-bromo-4-methoxybenzylamino)purine, 6-(4-bromomethylbenzylamino)purine riboside, 6-(4-butoxybenzylamino)purine riboside, 6-(4-butoxybenzylamino)purine riboside, 6-(4-*t*-butyl/benzylamino)purine riboside, 6-(4-*t*-butyl-2,6-dimethylbenzylamino)purine riboside, 6-(2-aminobenzylamino)purine riboside, 6-(3-aminobenzylamino)purine riboside, 6-(4-aminobenzylamino)purine riboside, 6-(2-amino-3-chlorobenzylamino)purine riboside, 6-(2-amino-4-chlorobenzylamino)purine riboside, 6-(2-amino-5-chlorobenzylamino)purine riboside, 6-(2-amino-6-chlorobenzylamino)purine riboside, 6-(3-amino-2-chlorobenzylamino)purine riboside, 6-(3-amino-4-chlorobenzylamino)purine riboside, 6-(3-amino-5-chlorobenzylamino)purine riboside, 6-(3-amino-6-chlorobenzylamino)purine riboside, 6-(2,6-diamino-3-chlorobenzylamino)purine riboside, 6-(2,6-diamino-4-chlorobenzylamino)purine riboside, 6-(4-amino-3-chlorobenzylamino)purine riboside, 6-(4-amino-5-dichlorobenzylamino)purine riboside, 6-(5-amino-2-methylbenzylamino)purine riboside, 6-(2-amino-3-nitrobenzylamino)purine riboside, 6-(4-amino-3-nitrobenzylamino)purine riboside, 6-(4-benzyloxybenzylamino)purine riboside, 6-(3-acetylbenzylamino)purine riboside, 6-(2-acetylbenzylamino)purine riboside, 6-(2,4,5-trichlorobenzylamino)purine riboside, 6-(2,4,5-trichlorobenzylamino)purine riboside, 6-(2,4,6-trichlorobenzylamino)purine riboside, 6-(2,3,4-trichlorobenzylamino)purine riboside, 6-(2,3,5-trichlorobenzylamino)purine riboside, 6-(2,3,6-trichlorobenzylamino)purine riboside, 6-(2,5,6-trichlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-fluorobenzylamino)purine riboside, 2-(amino,

hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-fluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-fluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-bromobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-bromobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-bromobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-iodobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-iodobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-iodobenzylamino)purine riboside, 2-(~~amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-chlorobenzylamino)purine riboside,~~ 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-chlorobenzylamino)purine riboside, 6-(4-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-acetylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-acetylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-acetylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-carboxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-carboxybenzylamino)purine riboside, 6-(2-acetoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-acetoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-

acetoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-nitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-nitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-nitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-sulphobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-sulphobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-sulphobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-cyanobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-cyanobenzylamino)purine riboside, 6-(4-cyanobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(5-nitro-2-methylbenzylamino)purine riboside, 2-(~~amino~~, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-methylbenzylamino)purine riboside, 2-(~~amino~~, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-methylbenzylamino)purine riboside, 6-(~~4-methylbenzylamino~~)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-methylaminobenzylamino)purine riboside, 6-(~~2-methoxybenzylamino~~)purine riboside, 2-(~~amino~~, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-methoxybenzylamino)purine riboside, 2-(~~amino~~, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-hydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro,

fluoro, bromo, methyl or methylmercapto)-6-(4-hydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-hexylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-hexyloxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-formylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-formylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-formylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-ethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-ethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-ethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-ethylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-pentylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-penthyloxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-phenoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-phenylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-propylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-propyloxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-oktylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-octyloxybenzylamino)purine

riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-ethyloxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4-diacetoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-diacetoxybenzylamino)purine riboside, 6-(2,5-diaminobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-dibromobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-dibromo-4-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3-dichlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4-dichlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,5-dichlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dichlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4-dichlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-dichlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3,4,5-tetrafluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-chloro-3,6-difluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(5-chloro-2-fluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3,4-trifluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3,5-trifluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4,5-

trifluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4,5-trifluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3,6-trifluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-chloro-2,6-difluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-chloro-6-fluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-difluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4-difluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4-difluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,5-difluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-difluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(5-fluoro-2-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-fluoro-2-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-chloro-5-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-(difluoromethoxy)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-(difluoromethoxy)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-(difluoromethoxy)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-fluoro-5-(trifluoromethyl)benzylamino)purine riboside, 2-

(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-fluoro-4-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-fluoro-4-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-(trifluoromethylthio)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-fluoro-3-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-chloro-6-fluoro-3-methylbenzylamino)purine purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(6-chloro-2-fluoro-3-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-chloro-2-fluoro-5-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-chloro-2-fluoro-6-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3-difluoro-4-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-difluoro-3-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-fluoro-6-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-chloro-2,6-difluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-(trifluoromethylthio)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-fluoro-4-methyl benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-fluoro-3-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or

methylmercapto)-6-(5-fluoro-2-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-chloro-3,6-difluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-(trifluoromethylthio)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-fluoro-5-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-chloro-4-fluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-(trifluoromethoxy)benzylamino)purine riboside, 6-(3-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-chloro-3-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-fluoro-3-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-bis(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-(trifluoromethoxy)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-(trifluoromethoxy)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-diethylaminobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4-

dihydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-dihydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4-dihydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3-ethylenedioxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4-dihydroxybenzylamino)purine, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,5-dihydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,5-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-3-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-4-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-5-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or

methylmercapto)-6-(2-hydroxy-6-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-hydroxy-2-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-hydroxy-4-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-hydroxy-5-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-hydroxy-6-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-hydroxy-2-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-hydroxy-3-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-hydroxy-5-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-hydroxy-6-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-3,4-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-3,5-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-3,6-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-4,5-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-4,6-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-5,6-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-hydroxy-4,5-

dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-hydroxy-4,6-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-hydroxy-2,4-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-hydroxy-2,5-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-hydroxy-2,6-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-hydroxy-2,3-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-hydroxy-2,5-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-hydroxy-2,6-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-hydroxy-3,5-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-hydroxy-3,6-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3-dihydroxy-4-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3-dihydroxy-5-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3-dihydroxy-6-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4-dihydroxy-3-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4-dihydroxy-5-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4-dihydroxy-6-methoxybenzylamino)purine riboside, 2-(amino,

hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,5-dihydroxy-3-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,5-dihydroxy-4-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,5-dihydroxy-6-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxy-3-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxy-4-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxy-5-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4-dihydroxy-2-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4-dihydroxy-5-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4-dihydroxy-6-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-dihydroxy-2-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-dihydroxy-4-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-dihydroxy-6-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3,4-trimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4,5-trimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4,6-trimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4,5-

trimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-3,4,5-trimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-3,4,6-trimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-4,5,6-trimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4,6-trimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3,4-trihydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4,6-trihydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3,4-trihydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4,5-trihydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4,6-trihydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-3-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-4-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-5-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-6-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-3-iodobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-4-iodobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-5-iodobenzylamino)purine riboside, 2-(amino,

hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-6-iodobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-3-bromobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-4-bromobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-5-bromobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-6-bromobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-3-fluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-4-fluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-5-fluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-6-fluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-3-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-4-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-5-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-6-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3-dihydroxy-4-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3-dihydroxy-5-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,5-dihydroxy-4-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or

methylmercapto)-6-(2,6-dihydroxy-4-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxy-4-bromoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxy-4-iodobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxy-3-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxy-3-bromobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxy-3-iodobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxy-3-fluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxy-3,5-dichlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxy-3,5-dibromobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxy-3,5-diiodobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxy-3,5-difluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4,5-dimethoxy-2-nitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4-dimethylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3-dimethylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4-dimethylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dimethylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro,

fluoro, bromo, methyl or methylmercapto)-6-(2,6-dimethyl-4-hydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-dimethyl-4-hydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-fluoro-4-hydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-fluoro-4-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4-dinitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-dinitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-methyl-5-nitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-methyl-4-nitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4-diiodo-4-hydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-chloro-3,4-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-chloro-3,5-dinitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-chloro-4-fluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-chloro-4-fluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-chloro-6-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-chloro-2-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-chloro-4-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(5-chloro-

2-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-chloro-4-fluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-chloromethylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-chloro-5-nitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-chloro-6-nitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-chloro-3-nitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(5-chloro-2-nitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-bromo-4-hydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-dibromo-4-hydroxybenzylamino)purine, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-bromo-4-methoxybenzylamino)purine, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-bromomethylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-butoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-butoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-/t-butyl/benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-t-butyl-2,6-dimethylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-aminobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-aminobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-aminobenzylamino)purine

riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-amino-3-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-amino-4-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-amino-5-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-amino-6-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-amino-2-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-amino-4-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-amino-5-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-amino-6-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-diamino-3-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-diamino-4-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-amino-3-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-amino-5-dichlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(5-amino-2-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-amino-3-nitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-amino-3-nitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-benzyloxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-acetylbenzylamino)purine riboside, 2-

(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-acetylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4,5-trichlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4,5-trichlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4,6-trichlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3,4-trichlorobenzylamino)purine riboside, 6-(2,3,5-trichlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3,6-trichlorobenzylamino)purine riboside, or 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,5,6-trichlorobenzylamino)purine riboside and their pharmaceutically acceptable salts with alkali metals, ammonium or amines, in the form of racemates or optically active isomers, as well as their addition salts with acids.

Claims 3-14 (canceled).

Claim 15 (currently amended): A pharmaceutical composition, containing a substitution derivative of N<sup>6</sup>-benzyladenosine ~~of the general formula I~~ according to claim [[1]], or its pharmaceutically acceptable salt, including a pharmaceutical carrier.

Claim 16 (currently amended): A cosmetic composition, containing a substitution derivative of N<sup>6</sup>-benzyladenosine ~~of the formula I~~ according to claim [[1]] 2, or its

pharmaceutically acceptable salt, including a pharmaceutical carrier.

Claim 17 (currently amended): A pharmaceutical composition containing a compound of the general formula I according to claim [[1]] 2, or its pharmaceutically acceptable salt, including a pharmaceutical carrier, suitable as mitotic or antimitotic compound, especially for treating cancer, psoriasis, rheumatoid arthritis, lupus, type I diabetes, multiple sclerosis, restenosis, polycystic kidney disease, graft rejection, graft versus host disease and gout, or Alzheimer's disease, or as antineurogenerative drugs, or to suppress immunostimulation or for the treatment of proliferative skin diseases.

Claims 18-21 (canceled).